

Image may be representation.  
See specifications for product details.



## EP20K600EFI672-2X

Manufacturer Part Number	<b>EP20K600EFI672-2X</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP20K600EFI672-2X
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 508 I/O 672FBGA
Package	672-BBGA
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a> <a href="#">Virtual JTAG Megafuntion Guide.pdf</a>

**Get a Quote**

EP20K600EFI672-2X - Intel.New Original in Stock. Download Linear Technology EP20K600EFI672-2X datasheet/specifications on AllelcoElec.com.  
Request a quote for EP20K600EFI672-2X, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP20K600EFI672-2X Tech Specifications  
EP20K600EFI672-2X - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	Number of Logic Elements/Cells	24320
Total RAM Bits	311296	Number of LABs/CLBs	2432
Supplier Device Package	672-FBGA (27x27)	Number of I/O	508
Series	APEX-20KE®	Number of Gates	1537000
Package / Case	672-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EP20K600

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP20K600EFI672-2X

Product Attribute				
Part Number	EP20K600EFI672-2X	<a href="#">EP20K600EFC672-1X</a>	<a href="#">EP20K600EFC33-1X</a>	<a href="#">EP20K60EFC324-1</a>
Manufacturer	Intel	Intel	Intel	Intel
Base Product Number	EP20K600	EP20K600	EP20K600	EP20K60
Number of Logic Elements/Cells	24320	24320	24320	2560
Total RAM Bits	311296	311296	311296	32768
Number of Gates	1537000	1537000	1537000	162000
Voltage - Supply	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Package	Tray	Tray	Tray	Tray
Series	APEX-20KE®	APEX-20KE®	APEX-20KE®	APEX-20KE®
Number of I/O	508	508	588	196
Number of LABs/CLBs	2432	2432	2432	2560
Package / Case	672-BBGA	672-BBGA	1020-BBGA	324-BGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	672-FBGA (27x27)	672-FBGA (27x27)	1020-FBGA (33x33)	324-FBGA (19x19)

### EP20K600EFI672-2X Datasheet PDF

Download EP20K600EFI672-2X pdf datasheets and Intel documentation for EP20K600EFI672-2X - Intel.

#### Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

#### PCN Packaging

[All Dev Pkg Chg 1/Aug/2018.pdf](#)

[Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

#### PCN Obsolescence/ EOL

[EOL 01/Dec/2016.pdf](#)

[EOL 21/Nov/2016.pdf](#)

#### PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

#### HTML Datasheet


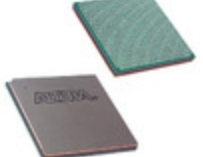
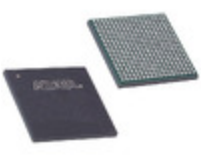
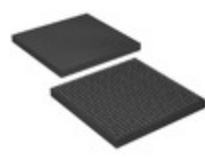
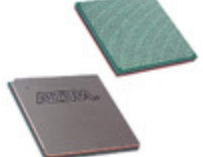



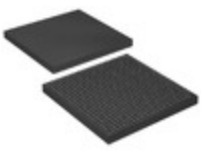
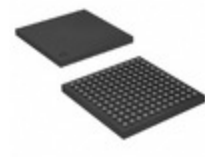
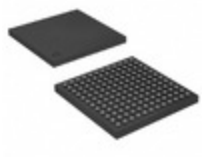

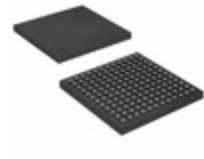
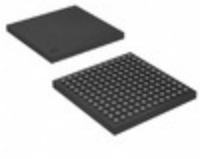



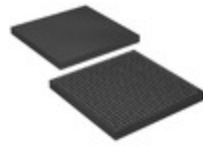
[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[Wafer Bump Transfer 06/Feb/2015.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>EP20K600EFC672-1X</b> Intel IC FPGA 508 I/O 672FBGA	<b>EP20K600EFC33-1X</b> Intel IC FPGA 588 I/O 1020FBGA	<b>EP20K60EFC324-1</b> Intel IC FPGA 196 I/O 324FBGA	<b>EP20K600EFC672-3</b> Intel IC FPGA 508 I/O 672FBGA	<b>EP20K600EFC33-2X</b> Intel IC FPGA 588 I/O 1020FBGA	<b>EP20K60EFC324-1</b> Altera IC FPGA 196 I/O 324FBGA
					
<b>EP20K600EFC33-2X</b> Altera IC FPGA 588 I/O 1020FBGA	<b>EP20K600EFC33-1X</b> Altera IC FPGA 588 I/O 1020FBGA	<b>EP20K600EFC672-2</b> Intel IC FPGA 508 I/O 672FBGA	<b>EP20K60EFC144-2</b> Intel IC FPGA 93 I/O 144FBGA	<b>EP20K60EFC144-2XN</b> Intel IC FPGA 93 I/O 144FBGA	<b>EP20K60EFC324-1X</b> Altera IC FPGA 196 I/O 324FBGA
					
<b>EP20K60EFC144-2X</b> Intel IC FPGA 93 I/O 144FBGA	<b>EP20K60EFC144-1</b> Intel IC FPGA 93 I/O 144FBGA	<b>EP20K60EFC144-2</b> Altera IC FPGA 92 I/O 144TQFP	<b>EP20K60EFC144-2X</b> Altera IC FPGA 93 I/O 144FBGA	<b>EP20K600EFC672-2X</b> Intel IC FPGA 508 I/O 672FBGA	<b>EP20K600EFC672-2N</b> Intel IC FPGA 508 I/O 672FBGA

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

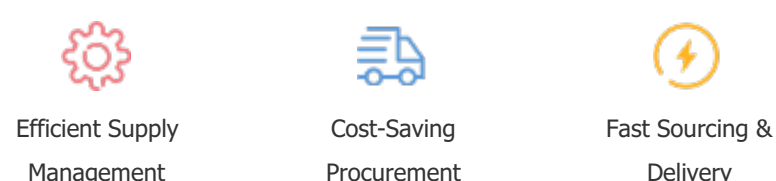
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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